



## Sons Of Old Erin Will Be Wearin' The Green To Observe St. Patrick's Day Next Monday

the day for the Irish to celebrate—and who would stop them (even if they could).

There is a wonderful blessing passed around by the Irish on St. Patrick's Day that could be remembered throughout the year. This Gaelic blessing is:

"May the blessing of light be upon you. May the sunlight shine upon you and warm your heart. May the blessings of the earth be upon you — the great and round earth. May all have a kindly greeting for you as they pass along the road of life."

Of course, no dedicated Irishman will be caught out next Monday without his Shamrock in a lapel buttonhole. The single stem and triple leaf of the shamrock—a large species of clover—was used by St. Patrick to explain the mysteries of the Trinity at a meet-



ing of Irish pagan chieftains and Druids back in the year 433 A.D. The incident led to the triumph of Christianity in Ireland.

The shamrock, naturally, is widely used as a symbol of the Emerald Isle and the green popularly displayed on St. Patrick's Day is derived from this color.

Many legends surround the origins and life of St. Patrick—with most sources agreeing that he was actually born at Kilpatrick, near Dumbarton, Scotland, in the year 387 A.D. His father was a member

of a Roman family of high rank, being a decurion, a kind of magistrate.

As a youth, the lad who later was to be sainted, was captured in a raid by the Irish king Niall, taken to Ireland and sold into slavery to an Antrim chieftain called Miliue, who set him to herding sheep.

Six years later he escaped, returned to Britain and later went to France. There he spent more than 18 years preparing for religious work. Finally, around 430 A.D., he applied for permission to return to Ireland, which was granted by Pope Celestine the First. Pope Celestine conferred on him the name of Patricus, an ancient title of the highest honors among the Romans.

After his return to Ireland St. Patrick travelled throughout the



country to preach and teach. In the last few years of a life that included being a slave, a student, a priest and later a saint of the church, St. Patrick directed a compilation of the existing civil laws of Ireland.

Incidentally—practically all authorities, although differing widely on details and dates in the history of St. Patrick, deny the story that he rid Ireland of snakes. There were no snakes in Ireland then, it is claimed.



**1958 OFFICERS OF THE ANALYTICAL GROUP OF THE** East Tennessee Section of the American Chemical Society are pictured above. The inserted picture is of J. H. Rowan, of the Y-12 Development Operations Department, who is vice chairman of the group. Others from left are J. A. Carter, Oak Ridge Gaseous Diffusion Plant, membership chairman; E. L. King, ORGDP, secretary-treasurer; Ted Kwasnoski, ORGDP, chairman; O. Menis, Oak Ridge National Laboratory employee in the Y-12 Plant Area, program chairman; and Gerald Goldberg, also an ORNL man in the Y-12 Plant Area, publicity chairman.

## Y-12er To Give Talk At Nuclear Congress

**Angele To Describe How Water Is Kept Safe**

Gustave J. Angele, Y-12 Plant Sanitary Engineer, will deliver a paper next week at the 1958 Nuclear Congress in Chicago on methods used in the Y-12 Plant to maintain a safe and sanitary water supply for employees' consumption. The paper, called "Cross Connections, Their Prevention and Control in the Y-12 Plant," is sponsored by the American Water Works Association, of which Angele is a member. It is the first time this subject has been on the program of the Nuclear Congress.

Angele recently was appointed to a national committee of the American Water Works Association.

In his talk at the Chicago meeting, the Y-12er will describe steps taken here to insure continuous flow of filtered or potable water to the Y-12 Plant and to prevent any piping connections with so-called "raw" water that would contaminate the supply.

The paper recalls that when the Y-12 Plant was constructed by Stone and Webster separate facilities for raw water for production work in the plant and also for domestic water service. The raw water was used mostly in the cooling towers and that water later was recirculated through heat exchangers in production areas. The filtered and potable domestic water was used primarily for drinking, shower facilities, wash basins and cooking in cafeterias.

## ENTREES ARE ANNOUNCED FOR SPECIAL LUNCHES

Bacon with corn fritters and syrup will be the principal dish on the 50-cent Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, March 13. Then on next Thursday, March 18, the entree will be Hungarian goulash. Each Special Lunch also includes one vegetable, a choice of salad or dessert and rolls and butter.

## Alcoa Storekeeper To Talk At Meeting Of Accountants

E. D. Blickenstaff, general storekeeper for the Aluminum Company of America, Pittsburgh, Pa., will speak at the monthly meeting of the Knoxville-Oak Ridge Chapter of the National Association of Accountants next Tuesday night, March 18. The meeting will be at the new Dwarf Restaurant, Knoxville-Clinton Highway, next to the Tate Motel. A social period will begin at 6:30 p.m. with dinner at 7 p.m. and the technical session at 8 p.m.

The subject of Blickenstaff's talk will be "Industrial Storekeeping." In his Alcoa position he has been in charge of the 35 inventory departments of the firm. He has been with Alcoa since 1941.

The Knoxville-Oak Ridge Chapter of the NAA now stands 12th in annual competition for excellence in various service categories out of the 132 chapters in the organization.

## Two UCNC Uranium Ore Upgrading Stations Open

The two uranium ore upgrading stations of Union Carbide Nuclear Co. at Green River, Utah, and Slick Rock, Col., have been placed in operation. They will serve the UCNC mills at Rifle and Uravan, Col. The Green River plant can handle 300 tons of ore daily and the Slick River from 300 to 600 tons per day. In these plants processed ore bound for the mills is upgraded to 1.5 per cent uranium. They are the only chemical upgrading units in operation in the domestic uranium processing industry.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
**83 Days Or**  
**2,611,000 Man-Hours**  
(Unofficial Estimate)  
**Without A Disabling**  
**Injury**  
**Through March 9**  
**Phone 7755**  
For Daily Report  
On Accident-Free Hours

## Linde Men To Speak On Welding, Cutting

**AWS Body Co-Sponsors Meetings At University**

The second of three lectures in a series on welding and cutting being co-sponsored by the Northeast Tennessee Section of the American Welding Society and the Department of Mechanical Engineering at the University of Tennessee will be given at 7:30 o'clock next Tuesday night, March 18. The lecture, by Dr. G. W. Oyler, of the Linde Company, division of Union Carbide Corporation, will be in Room 324, Perkins Hall, at the University of Tennessee.

Dr. Oyler's topic will be "New Cutting Methods for Metals," and he will describe the Heliarc cutting process, equipment and operation and special conditions for various metals, applications and latest developments. Dr. Oyler is a laboratory division head for Linde in charge of basic arc processes. He received his B.S. degree in metallurgy from Pennsylvania State College in 1949, his M.S. in the same subject from the University of Pittsburgh in 1951 and the Ph.D. degree from Lehigh University in 1953.

The last lecture of the series will be given on Tuesday, March 25, at the same hour and place. The speaker at that time will be T. McElrath, also from the Linde Company, where he is a laboratory division head in charge of inert gas welding. He will speak on "Inert Arc Welding and Related Subjects."

## AEP, UT Graduate Registrations Set

**Enrollments To Begin March 17 For Classes**

Registration for the Spring Quarter in the Oak Ridge Adult Education Program will be held March 17-24. Participants in the program may register in the Oak Ridge High School Monday through Thursday from 6:30 p.m. to 9 p.m. on these dates.

Fees will be payable at the time of registration and no fees will be returned after March 24, at 9 p.m., unless the particular class is cancelled. A late fee of \$1 will be charged for anyone enrolling in a course after March 24.

Registration for the Spring Quarter classes in the University of Tennessee Graduate School will be held Monday, March 17. Enrollment will be held in the ORINS Training Building, located directly behind the AEC Administration Building, from 6 p.m. until 9 p.m. on that date. During this registration period, faculty advisors will be present.

After March 22, a service fee of \$1 will be charged for late payments of fees. All registrations must be completed within two weeks after the date of enrollment and changes will not be permitted after April 23.

Y-12ers eligible for UCNC Educational Assistance Program aid may receive schedules of courses to be offered by the AEP and U-T and further information by communicating with Ralph Pearson, Training Department, plant phone 7751.

The maximum financial aid offered by the UCNC Program is 50 per cent of cost of tuition, books, laboratory fees and supplies. The deadline is 4 p.m., Friday, April 4.

## March 18 Set As Deadline To Obtain Safety Awards

All Y-12ers and other Union Carbide Nuclear Company employees in the Y-12 Plant Area who have not picked up their individual safety awards for the 21st Union Carbide Safety Period are urged to do so at once. The deadline for obtaining these awards is next Tuesday, March 18. The awards may be picked up at the Safety Department, first floor, North Wing, Bldg. 9704-2.

## 'Do You Know' These Factual UCC Items?

Here are some "do you know" items about Union Carbide Corporation that should be of interest to every Y-12er.

For instance—do you know ... That there are almost 124,000 stockholders holding more than 30,000,000 shares in UCC?

That more women (43 per cent) own UCC stock than men (32 per cent)?

That Union Carbide sales in 1957 were almost \$1.4 billion?

That Union Carbide Corporation spent the largest part of its income dollar after raw materials and services, on wages, salaries and benefits to employees?

## Nike Missile Description To Be Given At AIEE Meet

A description of the Nike missile will be given at a meeting of the Oak Ridge Section of the American Institute of Electrical Engineers tomorrow night, Thursday, March 13. The meeting will be at 7:30 o'clock in the Coral Room of the Ridge Recreation Hall.

The speaker will be Capt. James E. Wall, of the Ordnance Corps, U.S. Army, at the Redstone Arsenal, Huntsville, Ala. He will describe the fire control problem, how Nike meets threat of aerial attack and will answer questions from the audience.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
A Division Of  
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

## OFFICE

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## Y-12ers Invited To Open House At OR Library

An open house next Sunday afternoon, March 16, at the Oak Ridge Public Library will mark the opening of National Library Week in this city and throughout the country. This first National Library Week is sponsored by the Junior Chamber of Commerce, the American Library Association and the National Book Committee for the purpose of dramatizing the importance of reading for all ages and to improve public support for libraries and library services.

All Y-12ers are urged to attend the library open house Sunday



R. A. Hoey

man and George Kidd is general chairman for the open house.

Hoey came to the Oak Ridge Public Library last September after five years with the Enoch Pratt Free Library in Baltimore, Md. He is a graduate of Syracuse University.



Get-well wishes are extended to the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

M. H. Carter, Production Analysis; L. B. Hatfield and J. F. Trent, Z Area; W. F. Ragsdale, Charley Johnson, L. B. Gillis and J. M. Butts, General Machine Shop; R. C. Smith, Beta Two; J. W. Raines, E. J. Rogers, R. L. Martin and S. R. Cowden, Buildings and Grounds; Jack Neal, Sunflower Shop; Sam King, Electrical Maintenance; H. C. McBirney, Mechanical Operations; T. H. Jimmerson, Production Inspection.

## M. B. Hilton Is Appointed To National Standards Body

M. B. Hilton, of the Y-12 Mechanical Engineering Department, has been appointed to membership on the National Standards Committee and will be chairman of the Standards Committee for nine southern chapters of the American Society of Tool Engineers, which includes the Knoxville-Oak Ridge Chapter, No. 107, of which many Y-12ers are members.

The ASTE is helping the American Standards Association review and develop new standards for American industries. They include methods of testing and analysis, standards of size, weight, volume and rating and standards of practice, safety, health and building construction. The ASA has recognized more than 1,600 NSC standards as American standards.



The Colyum's Explorer the First (a real nose guy) now will fling himself into orbit and spy around the premises. Here's what's cooking.

## CHEMICAL

Mary Jenkins, Chemical Department, week-ended recently in Cincinnati to get acquainted with her new grandson . . . Iva Mitchell is taking it easy around home in Knoxville this week while vacationing . . . Rapid recovery wishes are dispatched to Paul Petretzky, M. S. Grim, M. T. Little and W. T. McGee.

E. C. Rambo is the Father of the Week in Product Processing — qualifying by becoming the Proud Pop of a son, Willis Leroy, born February 27—and 10 other chillun. . . Condolences are extended Roy Young, whose brother-in-law died recently . . . Also to Myrtle Leach, who lost her brother.

## TECHNICAL

"Oh, what sick boys are we," moaned Harold Williams and Frank McGuiness, Special Projects, last week while taking leave to cure their miseries . . . Do-si-do and away they go to Maryville with square-dance caller Harvey Hankins, who took guests from the University of California Radiation Laboratory, Bob "Speed" Oliver and Bill "Shorty" Nider, along for the fun . . . R. T. "Dickey" Wyrick is abandoning country-living to move into his recently-purchased home in Knoxville.

Mechanical Engineering reports Charley Chihasz recuperating from the flu last week . . . The Leon Scalls were week-end visitors in Pineville, Ky. . . M. B. "Wimpy" Hilton is being congratulated all out for his appointment to the National Standards Committee — odds are five, three and out he will have a horseshoe game started in no time.

Morgan Carter, Production Analysis, is receiving get-well wishes from pals . . . Nell Cannon and Elizabeth Patrick are vacationing in Miami . . . Paul Bonner has moved into his new home in Clinton.

All the folks in Special Testing join forces in extending the heartiest of get-well wishes to the mother of Helen Clark, ill in Oak Ridge Hospital.

Laboratory Operations welcomes Arthur "Shorty" Rogers back after a bout with the flu.

Annie Robinson, Production Assay, who reports news for the B Shift in the Assay Laboratory, is receiving get-well wishes at her home where she is ill . . . Meanwhile, Lodean Phillips is welcomed back after an illness . . . Sympathy is extended Barbara Messenger, whose grandfather died recently . . . Rapid recovery wishes also are speeded to Jean Shelton.

Folks in the Engineering ranks down in Bldg. 9739 last Friday were extending their deepest sympathy to Kay Sideris, the Colyum's news sleuth in those parts, whose uncle, Nicholas Sideris, died in Knoxville last Thursday.

## MECHANICAL OPERATIONS

The SORMHOO Department reports Wanda Livesay ill last week, but recovered sufficiently to go on vacation to an unannounced destination this week . . . It is hoped she returns fully recovered and get-well wishes also are sent to R. A. Guy, O. R. Garmon and C. F. Charpie . . . Meanwhile, V. C. Hallmark and B. W. Heath are welcomed back after their recent illnesses . . . The department extends deepest sympathy to F. E. Wright, whose mother died recently.

The Ol' Debbil Flu has floored James Paul Murray and J. W. Kyle last week and rapid recovery wishes are sent their way by the Sunflower Shop; and also to Ben Rankin and R. R. Stokes, both ailing . . . L. K. Phillips and D. R.

Carr, who have had the miseries for some time, were much improved last week and are expected back on the job this week . . . Condolences are extended P. S. Greene, who was called to Murphy, N. C., where his father died recently . . . D. J. Schafer was a Miami vacationer last week and D. H. Jenkins also was off to get acquainted with his new son . . . Those hardy souls H. E. Cornell and Ed Sise braved March breezes to go fishing March 2—no progress reports yet.

C. W. Styles, Alloy Shop, is vacationing at home in Oak Ridge this week.

Production Control reports M. M. Dickens, departmental reporter, is on the ailing list (probably with writer's cramp) and rapid recovery wishes are sent his way . . . Meanwhile thanks from the Colyum to C. L. Matthews, pinch-hitting for the Ol' Arbitrator . . . Get-well wishes are sent C. D. Borum, in Oak Ridge Hospital . . . Likewise to H. W. Clear, recently released from Fort Sanders Presbyterian Hospital in Knoxville, and also to L. D. Best, ill at home . . . The department also is glad to hear that J. L. Brown's wife is recovering after a stay in Oak Ridge Hospital . . . H. Mitchell is back from vacation and happily reports that his son, who has been seriously ill, is much better . . . The department welcomes newcomers Barbara Sergeant, John Kiernan, Jim Cole and Jack Thomson.

There's a whole lot of aches and pains in General Machine Shop, according to the sick list reported last week—so get-well wishes are speeded to C. M. McCarley, S. T. Shultz, H. A. Maney, W. R. Barwick, W. L. Lowry, B. H. Hobby, J. C. McKenney, W. J. Grigsby, G. A. Tedder, G. W. Simonds, J. F. Powell and C. E. Graves . . . R. E. L. Ferguson was an Oakdale vacationer last week and B. M. Heidel did likewise in Harriman . . . Willie A. Cofer is planning his vacation in Lenoir City.

## INDUSTRIAL RELATIONS

Friends in the Medical Department and elsewhere in this division and throughout the plant of the former Verna Morris are happy for her after her marriage March 1 to Stewart Loop, of Portsmouth, Ohio — she was off last week honeymooning and plans to continue work for some time.

## SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

The Steam Plant and other departments in this group as well as throughout Y-12 extend sympathy to the family of William Monroe Simpson, who died March 1 from injuries sustained in an automobile accident several days previously.

## ALLOY

Alpha Fivers send get-well wishes to P. V. King, hospitalized over at Madison, Tenn., near Nashville; and also to W. J. Whitaker in Oak Ridge Hospital . . . On the other hand a welcome-back hand is extended C. R. Rea, B. H. Davis and C. E. Miller, back after their recent illnesses . . . Best wishes accompany Co-Oppers H. A. Fell and D. B. Howell, who are returning to class work at Alabama Polytechnic Institute at Auburn, Ala. . . Steve Pelizzari is welcomed into the department . . . Sympathy is extended E. A. Donahue, whose brother-in-law died recently.

## FINANCE AND MATERIALS

The Dotty girls of Plant Records, Dot Connor and Dot Parks, were welcomed back last week after a round with ailments . . . A fond farewell and best wishes were extended Shirley Kirkwood, who left last week.

SS Material Control welcomes newcomer Kay Dickey and extended farewells to Virginia Wil-



AROUND 100 D SHIFT Y-12ERS AND THEIR GUESTS enjoyed a bingo party February 20. Pictured above, from left, are D Shift Superintendent W. S. Porter and Mrs. Porter and Relief Shift Superintendent H. N. Benninghoff and Mrs. Benninghoff. Members of the D Shift Recreation Committee in charge of arrangements were Emmett Moore, Fire Department, chairman; A. T. Wallace, Electrical Maintenance; Wendell Perry and Ben Johnson, Alloy Division; and Paul L. Beeler, General Utilities.



SOME OF THE WINNERS OF 12 FINE PRIZES offered at the D Shift Bingo Party are shown above. At left Emmett Moore awards a fine set of steak knives to Geraldine Lester, a guest. Mrs. M. L. Lay, whose husband works in General Utilities, admires the hair dryer she won as "Pete" Gregory looks on in the center picture. At right R. E. Dripps, Stores, and his wife get some sheets as a prize from A. T. Wallace.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

Tye B. Croley, Colex Auxiliary Operations, March 13.

Joe Gibbs, Buildings and Grounds, March 14.

Walter Sweeten, General Utilities, March 14.

Clifford W. Taylor, Buildings and Grounds, March 16.

Rembert Harris, Buildings and Grounds, March 16.

Varnard F. Carr, Buildings and Grounds, March 16.

## American Nuclear Society May Form Ridge Section

Plans are presently underway for the formation of a section of the American Nuclear Society in Oak Ridge during the month of April. There are about 200 members of the ANS in the East Tennessee area, and all will automatically become charter members of the local chapter. In addition, provision will be made for local residents who are not members of the national society to join the Oak Ridge Section.

Francois Kertesz, a member of the ORNL Reactor Experimental Engineering Division in the Y-12 Area, is temporary chairman of the section. The aims of the Oak Ridge Section will be the same as those of the national society, namely, "the advancement of nuclear science and engineering, and of allied sciences and arts, and the integration of the several disciplines constituting nuclear science and technology."



National Society  
for  
Crippled Children and Adults  
11 So. LaSalle Chicago 3

This is a plenty for this time—see you folks next week.

If it is kept as busy circulating as it should, the average \$1 bill will wear out in about nine months.





**A COUPLE OF TROPHY WINNING TEAMS IN THE RECENT Y-12 PLANT BOWLING TOURNAMENT** are pictured above. At top are the Rebels, second place scratch winners with 2636. From left are V. A. Stanley, L. G. Freeman, George Riddle, Jack Spears, Arnold Tiller and Joe Dunlap. The extra trophy being held by Tiller is for the high handicap game of the tournament, a fine 280, after his 257 scratch took second place. Pictured below are the Bumpers, who took first place in team handicap scoring honors with 3035. From left are Elmer Green, Clyde Smith, Van Williams, E. B. Calloway and Ernie Cobble. Smith also is holding his trophy for high handicap series in singles of 662. Cobble is holding an extra trophy for a teammate not present when picture was made.

## Y-12 Anglers Poised For Start Of First Fishing Rodeo Of Season On Saturday

**Event To Last 12 Weeks To Sunday, June 1; Handsome Prizes To Be Awarded Firsts, Seconds**

Apparently expecting a stretch of good weather in the near future, a host of Y-12 fishermen have been issued entry blanks for the first Y-12 Fishing Rodeo of 1958 that will start at 12:01 a.m., Saturday of this week, March 15, and extend for 12 weeks until midnight, June 1. The entry blanks may be obtained from members of the various shift recreation committees and also at the Recreation Office, Room 226, Bldg. 9704-2.

The long period of the rodeo will permit all Y-12 anglers, regardless of working hours, ample opportunity to do plenty of fishing for likely prize winners.

Handsome prizes await first and second place winners in the various classifications of the rodeo. Species of fish eligible for entry are largemouth, smallmouth and striped bass, walleye and sauger pike, crappie and bream-bluegill. Weight will determine the winners and in case of ties length and girth, in that order, will determine the contest.

Contestants may win only one prize, but may enter fish of as many eligible species as they desire.

All entries must be certified by a disinterested witness or a dock operator and must be returned to the Recreation Department not later than Wednesday, June 4. The winners will be announced in The Y-12 Bulletin the following week.



## Softballers Called To Organize League At April 9 Meeting

With a lot of diamond doings going on down in Florida, Y-12 softball players are eagerly awaiting the "play ball" call for the 1958 season. Heeding this urge, the Recreation Department has called an organizational meeting for the Y-12 Plant Softball League for 1:30 o'clock Wednesday afternoon, April 9, in the Recreation Office, Room 226, Bldg. 9704-2.

All teams that played in the 1957 league are urged to have managers or representatives at the April 9 meeting. Also any new groups or individuals desiring to enter the loop are cordially invited to attend the session. Anyone wishing more information on the softball outlook for 1958 is asked to call the Recreation Office, plant phone 7751.

## B Shift To Stage Own Fishing Rodeo

Anglers on the Y-12 B Shift will stage a fishing rodeo of their own starting at 7 a.m., Friday, March 21, and extending through 3 p.m., Wednesday, March 26. The rodeo first prize will be for the largest bass, second prize for the biggest walleye or sauger pike and third for the largest crappie. No contestant may win more than one prize.

All entries must be in the hands of the B Shift Fishing Rodeo Committee by 11 p.m., Wednesday, March 26. The committee is composed of H. R. Ellis, Alloy Division;

## Bumpers Blank Tigers To Hold Classic Lead

The loop-leading Bumpers rolled to a whitewash triumph over the Tigers in the Classic Bowling League last week to continue their tight grip on the top spot. The Has Beens remained in shooting distance with a three-point win over the All Stars, while the Rebels topped the Screwballs for three points to stay in the running. The Swingsters skunked the Cubs with a four-point win to move into fourth place in the standings. The Wasps won three from the Wolves, as the Rippers topped the Playboys for three points.

Paddy Peckman, of the Rippers, rolled the high scratch single game for the second week in a row with a robust 245. Peckman also led the handicap single game scoring with a 269. Roy Roberts, of the Has Beens, had the high scratch series with a 620 and the top handicap series with 674.

The Rebels had the high scratch single game with 931, while the Wasps posted the top handicap single with 1064. The Swingsters marked a 2598 scratch series and a 3072 handicap series for the highest scores.

Team	W	L
Bumpers	15	1
Has Beens	12	4
Rebels	11	5
Swingsters	10	6
Wolves	9	7
Wasps	9	7
Rippers	8	8
Cubs	6	10
Screwballs	5	11
Tigers	4	12
Playboys	4	12
All Stars	3	13

L. E. O'Dell, Alpha Five, and J. C. Haggard, Alpha Five. Prizes will be awarded March 31.

Entry blanks for the B Shift Fishing Rodeo may be obtained from members of the shift recreation committee.

Fish must be caught on rod or cane pole and line in Tennessee waters. Weight will determine winners, but in case of ties length and girth, in that order, will decide the winner. Dock operators or other disinterested witnesses must verify catches.

## Friday, March 21, Deadline To Enter Annual All-Carbide Bowling Tourney

**Pin Party To Determine UCNC Championships Set For Oak Terrace Alleys April 12, 13, 19, 20**

Just a little more than one week remains for Y-12 men and women bowlers to file entries for the annual All-Carbide Bowling Tournament, the deadline for qualifying for the event being 4 o'clock on Friday afternoon of next week, March 21. The entry fee for the tournament is \$2.25 per person for each event entered with \$1.20 going for bowling fees and \$1.05 for the prize money pot. The All-Carbide Bowling Tournament will be rolled at the Oak Terrace Alleys on the week ends of April 12-13 and April 19-20.

Entry blanks now are available from secretaries of all plant bowling leagues in the Y-12 Plant, Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant. They also may be obtained at the Y-12 Recreation Office, Room 226, Bldg. 9704-2.

### Replacements Are Allowed

In the men's division of the tournament if any team is unable to enter because five regular members of that team are not available at tournament time, that team will be allowed to use two bowlers from any other team in any plant league at that particular Union Carbide Nuclear Company installation in Oak Ridge. (In last week's Bulletin the tournament story might have indicated that the replacement players must be members of the particular league in which the team bowled.) Three City League bowlers may bowl with a tournament team providing only two of them have averages exceeding 165.

In the women's division each tournament team must have a minimum of two bowlers who have rolled together on the same team during regular season play, mixed or otherwise. This permits the two feminine members of teams in the Y-12 Mixed League of men and women bowlers to recruit three more women bowlers to round out a team.

### Teams Roll First Week End

Teams of both men and women will bowl on the first two days of the pin party with singles and doubles to be staged on the final week end. Preference in bowling time will be given to shift workers only.

Tournament handicaps will be based on averages as of March 1, to be certified by secretaries of leagues in which the bowlers performed.

## Marksmen Outshoot Experts In Match

The Marksmen team in the Y-12 Pistol League copped a double win in firing last week as they outshot the Experts in both scratch and handicap scoring. The Marks-

## Four Golf Loops To Be Reformed

**Meetings Will Begin Next Week To Plan Play**

It won't be long now until Y-12 golfers will be yelling "fore" (meaning "duck, doggone it" in links language) and getting ready to line up their shots for competition in four regional leagues and five Y-12 tournaments, plus the annual All-Carbide tee party. Organizational meetings will begin next week for the leagues.

All Y-12 players who played in leagues last summer and new employees who would like to compete this year are urged to communicate with the Y-12 Recreation Office, Room 226, Bldg. 9704-2, plant telephone 7751. It is desired to get up-to-date addresses of the veteran players and to help newcomers to obtain partners for loop play this season.

The first league to organize for this season will be the loop operating at the Whittle Springs course in Knoxville. This group will gather at 1:30 o'clock next Wednesday afternoon, March 19, at the Recreation Office.

The Oak Ridge League will be next in line with its reorganization meeting set for the same hour and place on Wednesday, March 26.

On Tuesday, April 1, at the same hour and place, the Lenoir City League will reorganize to accommodate Y-12 divot diggers in that area. On the next day, Wednesday, April 2, Harriman area golfers will assemble to make plans for the season with the session set for the same time and place.

men won the scratch scoring, 254 to 214, and the handicap 286.996 to 284.443. The Sharpshooters took a two-point forfeit win from the Masters and posted scores of 247 scratch and 286.050 for the record.

League standing follows:

Team	W	L
Marksmen	22	10
Sharpshooters	17	13
Experts	13	19
Masters	10	20



**THE DO LITTLES TEAM OF THE Y-12 EVENING SHIFT Bowling League** have been doing a lot in the Knoxville loop of Y-12 keggers this season. From left are J. D. Stalsworth, T. W. Compton, Jr., S. D. Peters and J. R. Murph. J. D. Meadows was not present when picture was made.



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## Night Owls Retain Evening Loop Lead

The Night Owls romped to top team scoring honors in the Evening Shift Bowling League last week by whitewashing the King Pins as the four teams in the loop scramble for the second half championship. The Hot Shots strengthened their hold on second place with a three-point triumph over the Do Littles team.

E. C. Hightower, of the King Pins, rolled the high scratch single game with a 206 and copped the handicap single with 238. E. L. Reed, of the Hot Shots, posted a 511 scratch series and led the field in that bracket, while Jack Williams, of the Night Owls, marked the high handicap series with 639.

In topping the other keggers in team scoring, the Night Owls toppled enough pins to take a 794 scratch single game and upped it to 1015 with handicap. They also scored a 2244 scratch series and topped the handicap bracket with a 2907 series.

League standing follows:

Team	W	L
Night Owls	19	5
Hot Shots	14	10
Do Littles	8	16
King Pins	7	17

## Pistol League Holds Instruction Session

The Carbide Pistol Leagues are offering a course of instruction for beginners that is underway at the Oak Ridge Sportsmen's Club. The instruction period for the Y-12 team will be on March 13, 17, 27, 31, and on April 10. The regular league matches begin at 7 p.m. on those dates and the instruction period will follow at about 8:15 p.m.

The lesson sessions are open to anyone who would like to learn the art of pistol shooting and may be interested in joining a team in the Y-12 Pistol League. The students will receive lectures and demonstrations on different topics following each match every week.

Further information may be obtained by communicating with the Recreation Department, plant phone 7753.

## Y-Ettes Blanked, Finish In Cellar

The Y-Ettes dropped six games in the Carbide Women's Volleyball League last week to finish the season in the cellar. The Y-12 women lost to ORNL by scores of 0-15, 7-15 and 3-15. The ORINS Cobalts topped the Y-Ettes by marks of 10-15, 9-15 and 10-15. The second half championship ORNL team, also first half victors, topped the K-25 Spikers 15-5 and 15-3 before losing 11-15. The Spikers took two games from the Cobalts, 15-2 and 17-15, before losing one 12-15.

A double elimination tournament involving all four teams will begin tomorrow night at the Willowbrook gymnasium with the Y-Ettes facing ORNL and the Spikers taking on the Cobalts.

League standing follows:

Team	W	L
ORNL	28	8
Spikers	24	12
Cobalts	11	25
Y-Ettes	9	27

Flattery: Insult wrapped as a gift.



BY THIS TIME Y-12 Bulletin viewers may become used to seeing the above picture made by Emmett Moore, Fire Department captain, of his sons, David, front, and Rodney, with the big snowman that was built back in February when winter's first real snow fell. It first appeared in The Bulletin because it was a timely picture during the cold snap, then because it took first prize in the Y-12 Weekly Photographic Contest for the week ending February 28, and now because it has been voted the "Picture of the Month" for February in the contests.

## Hawks Clinch Title In Volleyball Loop

The Hawks clinched the title in the Y-12 Men's Volleyball League last week with two whitewash triumphs. The Hawks have maintained an unblemished record the entire season and continued their string of victories last week with wins of 15-4 and 15-8 over their closest competitors, the second place Hunters. The league leaders went on to post scores of 15-9 and 15-6 in their rout of the Reactors.

League standing follows:

Team	W	L
Hawks	24	0
Hunters	14	7
Reactors	9	9
Beavers	7	14

## Fishing Rodeo Set By A Shift Anglers

A one-day fishing rodeo has been announced for the A Shift Y-12 contingent, to be staged from 6 a.m. to 4 p.m., Thursday, March 27. Headquarters for the affair will be at the White Creek Boat Dock on Watts Bar Lake. A first prize of a rod and reel will be awarded for the largest fish landed during the day, the second prize will be a lantern and Mae West jacket for second largest fish and the third prize for the most fish in weight will be a trolling reel.

A drawing will be held during the day for a Coleman two-burner stove with only ticket holders being eligible. A 50-cent donation to the A Shift recreation fund will obtain a ticket.

Entry blanks and tickets for the rodeo may be obtained from members of the A Shift Recreation Committee, including Capt. M. L. Woodard and J. T. Maxwell,

## Streams In Nearby Area To Get Trout

Suitable Tennessee streams will be stocked with rainbow trout by the State Game and Fish Commission this month. The stockings are in preparation for the trout fishing season which opens Saturday, March 15 and continues until September 30. Stocking of the streams will continue until the end of the season.

The trout, from eight to 10 inches in length, will be stocked from the Flintville and Erwin hatcheries. From past experience, about 70 per cent of the fish will be caught by anglers during the season.

Tennessee has approximately 500 miles of suitable trout waters outside the Great Smoky Mountains National Park and wildlife management areas. These streams cannot produce enough "wild" trout to satisfy the demand, so some 100,000 creel-sized trout are produced annually in hatcheries for release. The number of trout released will depend upon the carrying capacity of the individual streams and the fishing pressure, as determined by trained biologists.

Trout fishing in streams within wildlife management areas begins in April and the Smoky Mountains Park area will open in April or May.

## Murderer's Row Top Hi Balls For Lead

The Murderer's Row team whitewashed the Hi Balls in the C Bowling League last week to jump from third to first place in one leap. The loss dropped the Hi Balls to second spot in the loop. The race tightened considerably as the Chillers whitewashed the B Shifters, the Alley Cats took three points from the Daffodills and the Sunflowers staked out a four-point forfeit win from the Eight Balls.

Herb Oliver, Murderer's Row, led the victorious team in scoring as well as topping other members of the league in individual scoring. Oliver posted a 207 scratch single game, upped it to 234 with handicap and rolled down the hardwoods to mark a 523 scratch series. W. C. Smith, of the Daffodills, topped handicap series scoring with a 608 mark.

The Murderer's Row keggers copped team scoring honors with an 847 scratch single game, a 1018 handicap single, a 2350 scratch series and a 2880 handicap series.

League standing follows:

Team	W	L
Murderer's Row	29	15
Hi Balls	28	16
B Shift	26	18
Alley Cats	26	18
Sunflowers	26	18
Chillers	24	20
Daffodills	16	28

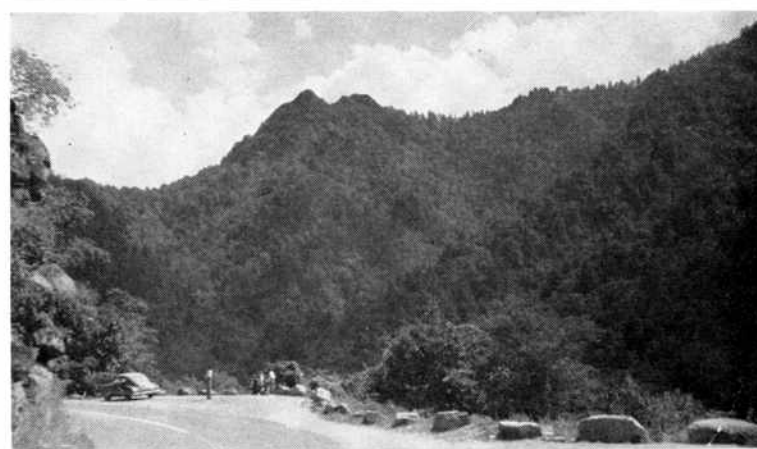
## Civil Engineers To See Film On Defense Highways

An interesting moving picture on work being done and planned on the United States highway defense system will be shown at a meeting of the Oak Ridge Chapter of the American Society of Civil Engineers set for 8 o'clock tomorrow night, Thursday, March 13. The meeting will be in the Blue Room of the Ridge Recreation Hall and all members of the chapter and the public is invited to attend.

The film is entitled "The Road Ahead" and the commentary will be made by Eldridge A. Whitehurst, director of the highway research department of the University of Tennessee.

Guard Department, Bldg. 9710-2; Tom Monsey and H. Bartley, Alpha Four, Bldg. 9201-4; M. L. Sweet, Alpha Five, Bldg. 9201-5; L. R. Bailey, Utilities, Bldg. 9212; and Janice Childress, Production Assay, Bldg. 9995.

In 1900, life expectancy at birth was 49 years; today it is 70.



TWO FINE SNAPSHOTS captured top honors in the Y-12 Weekly Photographic Contest for the week ending March 5. At top is "Mountain Road Scene" by R. E. Lee, Alloy Shop, first award winner. Below is a lively picture "Swing Yore Partner" showing the square dancing in the streets of Lenoir City during that city's Golden Jubilee celebration, snapped by Roy Monger, also of the Alloy Shop.

## Mixed Loop Leaders Each Blank Foes

The Scrappers whitewashed the Nip and Tucks and the Alley Cats blanked the Pin Cats in the Mixed Bowling League last week to remain in a tie for first place. The Units topped the Clippers for six points as the loop continues to speed the close of the season.

Joyce Gillihan, of the Nip and Tucks, led the women in scratch single game scoring with 180 and the handicap single with 231. Nell McGinnis, of the Clippers, rolled to a 453 scratch series and a 600 handicap series to cop high honors in women's series scoring.

Tom Hillard, of the Scrappers, completely dominated men's scoring by posting a 201 scratch single game, a 229 handicap single, a 561 scratch series and a 645 handicap series.

The Scrappers also led team scoring with a 638 scratch single, an 1828 scratch series and a 2302 handicap series. The Alley Cats posted an 809 handicap single game.

Team	W	L
Scrappers	27	13
Alley Cats	27	13
Clippers	20	20
Units	18	22
Pin Cats	16	24
Nip and Tucks	14	26

## Y-12ers Are Urged To Join Oak Ridge Rescue Squad

Y-12ers desiring to work in a worthy cause that could mean the saving of lives are urged to turn out for the weekly training sessions of the recently organized Oak Ridge Rescue Squad, Inc., a part of the Oak Ridge Civil Defense organization. Two training sessions are held each Monday night with instruction in small boat handling being given at 7 p.m. and Red Cross first aid class work at 8 p.m. The meetings are held in the Management Services electrical building, Lafayette Drive and Sawmill Road.

Arthur Ogden, of the Y-12 Buildings and Grounds Department and head of the heavy rescue squad of the Civil Defense organization in Oak Ridge, is highly interested in the new rescue squad and recommends membership for Y-12ers as a civic responsibility.

## Rides Wanted, Offered

Riders wanted from Harbison Cross Roads, Halls Cross Roads and Powell, Knox County, to Central Portal, B Shift. L. C. Stooksbury, plant phone 7191, home phone MY 1-4562, Knoxville.

Ride wanted from Brick Apts., Woodland Section, Oak Ridge, to Biology Portal, straight day. Peggy Bradley, plant phone 7987, home phone 5-9593, Oak Ridge.

Ride wanted from Lake City to any portal, Evening Shift, 4 p.m. to 12:30 a.m. Bertha Jones, plant phone 7434, home phone 4091, Lake City.

Ride wanted from 1716 Beaumont Ave., Knoxville, to Central Portal, straight day. Shirley Lehue, plant phone 7700, home phone 2-7160, Knoxville.

Ride wanted from Gravestone Corner, Knox County, to any portal, H Shift. F. E. Wright, plant phone 7074, home phone MYrtle 1-6328, Knoxville.

Rider wanted from Athens, Tenn., via Sweetwater, Loudon and Lenoir City to any portal except East, straight day. A. R. Shamblin, plant phone 7077, home phone 2065, Athens.

## SALES MANAGER NAMED

Duncan B. Williams has been appointed General Sales Manager of Union Carbide Olefins Company, Union Carbide Corporation. He started with Linde in 1924, and has been Manager, Special Products Department, Union Carbide Chemicals Company since 1933.

